PATENT ABSTRACTS OF JAPAN

(11) Publication number:

2000191700 A

(43) Date of publication of application: 11.07.2000

(51) Int. CI

C07K 17/08

A61P 1/14,

A61K 38/00, C07D251/46, C07K 14/47,

C08G 65/329

(21) Application number:

10372373

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(22) Date of filing:

28.12.1998

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(54) LONG-ACTING TYPE DIGESTIVE TRACT **MOVEMENT PEPTIDE**

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a compound (salt) having digestive tract movement activity excellent in persistency, useful for treating a diabetic stomach anesthesia, torporific intestinal blockage, etc., by bonding a polyalkylene glycol to a peptide having digestive tract movement activity.

SOLUTION: One or more polyalkylene glycols such as a polyalkylene glycol of the formula [R1 is an alkyl or an alkanoyl; M1 is (OCH2CH2)r-(OCH2CH2CH2)s (r and s are each an integer of ≥0); X1 is a single bond or a (CH2)t (t is 1-5); R2 is a group having reactivity to a peptide having digestive tract movement activity or the like] are bonded to the peptide having digestive tract movement activity such as motilin directly or through a spacer such as cysteine. The polyalkylene glycols have preferably 1,000-1,000,000 average molecular weight. Preferably, the dose of the compound (salt) is 25-500 µg per adult daily.

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$$R^1 - M^1 - X^1 - R^2$$